



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Atty. Docket No.: 161765.00520
(01113/US)

Anurag RATHORE et al.

Serial No.: 10/646,798

Group Art Unit: 1626

Filed: August 25, 2003

Examiner: TBA

For: Method for the Preparation of Growth Hormone and Antagonist Thereof
Having Lower Levels of Isoform Impurities Thereof

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:


Pursuant to their duty of good faith and candor as set forth in 37 C.F.R. §§ 1.56(a), 1.97 and 1.98 *et seq.*, Applicants submit herewith the attached Form PTO/SB/08A. The listed documents were cited in the specification of the application. Applicants have submitted herewith a copy each of the references cited on the attached Form PTO/SB/08A except for the U.S. patents. Applicants respectfully request that the Examiner consider and enter all the documents cited on the enclosed Form PTO/SB/08A into the file of the above-identified application. Applicants also request an indication of the same by return of the Form PTO/SB/08A being initialed and dated by the Examiner.

No fees are believed due to ensure consideration of the attached documents by the Examiner. However, if any fees are required or an overpayment of fees made, the Commissioner is hereby authorized to debit or credit our Deposit Account No. 19-0733, as necessary.

Respectfully submitted,

Date: April 21, 2004

By:

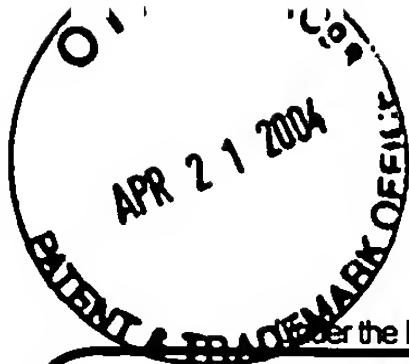


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Attachments:

Form PTO/SB/08A
References Cited on Form PTO/SB/08A



Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

1

of

1

Complete if Known

Application Number	10/646,798
Filing Date	August 25, 2003
First Named Inventor	Anurag RATHORE et al.
Group Art Unit	1626
Examiner Name	TBA
Attorney Docket Number	161765.00520 (01113/US)

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		US-5,849,535	12/15/1998	Cunningham et al.	
		US- 6,057,292	05/02/2000	Cunningham et al.	
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
		WO 96/02570	02/01/96			
		WO 02/27478	07/25/02			

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Andersson et al., "Isolation and characterization of a trisulfide variant of recombinant human growth hormone formed during expression in <i>Escherichia coli</i> ," Int. J. Peptide Protein Res. 47:311-321 (1996).	
		J. Houk and G.M. Whitesides, "Structure-Reactivity Relations for Thiol-Disulfide Interchange," J. M. Chem. Soc., 109:6825-6836 (1987).	
		A. Jespersen et al., "Characterisation of a trisulphide derivative of biosynthetic human growth hormone produced in <i>Escherichia coli</i> ," Eur. J. Biochem. 219:365-373 (1994).	
		Jorgensen et al., "Quantifying biosynthetic human growth hormone in <i>Escherichia coli</i> with electrophoresis under hydrophobic conditions," J. Chromatography A 817:205-214 (1998).	
		The Merck Index, 12 th Edition, S. Budavari (Editor), Merck & Co., Inc., Therapeutic Category and Biological Activity Index, p. THER-19 (under "CHELATING AGENT"), Whitehouse Station, NJ (1996).	

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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